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Department of Energy

Ohio Field Office
Fernald Area Office
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JUN 19 1998

DOE-0901-98

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

TRANSMITTAL OF THE WASTE ACCEPTANCE CRITERIA ATTAINMENT REPORT FOR THE AREA 1, PHASE I WEST IMPACTED SOIL STOCKPILE

The purpose of this letter is to transmit, for your review and approval, the Waste Acceptance Criteria (WAC) Attainment Report for the Area 1, Phase I (A1PI) West Impacted Soil Stockpile. This report summarizes the analytical data obtained from the West Impacted Soil Stockpile for a WAC attainment compliance determination. The sampling program was implemented as a result of the Department of Energy's (DOE) conclusion that the existing data, collected during and prior to the A1PI certification program, did not provide a sufficient level of certainty to classify the west impacted soil pile as below-WAC. The supplemental data presented in the enclosed report fully supports the below-WAC determination. Further, the Ohio Environmental Protection Agency (OEPA) representatives were present during the sampling event and collected ten split soil samples, all of which had results below WAC.

Pending your approval, the plan is to excavate the West Impacted Soil Stockpile during the 1998 construction season and utilize some of these soils as the protective liner in the On-site Disposal Facility (OSDF) Cell Number 2. As discussed in recent conference calls, the remainder of the WAC attainment reports for the soil stockpiles in the OSDF area will be transmitted to the U.S. Environmental Protection Agency (U.S. EPA) and OEPA by June 30, 1998.

If you should have any comments or questions, please contact Robert Janke at (513) 648-3124.

Sincerely,

for Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:RJ Janke

Enclosure: As Stated

cc w/enc:

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EDC, FDF/52-7

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WASTE ACCEPTANCE CRITERIA (WAC) ATTAINMENT REPORT FOR THE AREA 1, PHASE I WEST IMPACTED SOIL STOCKPILE

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT
FERNALD, OHIO

JUNE 1998

U.S. DEPARTMENT OF ENERGY
FERNALD AREA OFFICE

20300-RP-0007
REVISION A
DRAFT

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LIST OF ACRONYMS AND ABBREVIATIONS

ASL	Analytical Support Level
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
OEPA	Ohio Environmental Protection Agency
OSDF	On-Site Disposal Facility
PSP	Project Specific Plan
WAC	Waste Acceptance Criteria

1.0 INTRODUCTION AND SCOPE

This letter report summarizes the recent sampling and analysis results from the West Impacted Soil Stockpile in Area 1, Phase I, hereafter referred to as the west soil stockpile, which supplements the information and conclusions contained in the Waste Acceptance Criteria (WAC) Attainment Report - Area 1, Phase I Western Portion (DOE 1997a). This supplemental report includes only the physical sample results generated from the field program conducted under the Project Specific Plan (PSP) for Sampling of Area 1, Phase I West Impacted Soil Stockpile for WAC Attainment (DOE 1997b). However, the WAC conclusions found in this report are based on all available data that represent the west soil stockpile including the previous WAC attainment report data as well as the more recent analytical data included herein.

The previous WAC attainment report submitted to the U.S. Environmental Protection Agency (EPA) and the Ohio Environmental Protection Agency (OEPA) in July 1997 included all preremedial excavation data, including real-time radiological measurements, available at the time of report development. The DOE concluded in the report that although no WAC exceedance of total uranium or technetium-99 was present in the data set, an insufficient data set existed upon which to base a final determination on the acceptability of the stockpiled materials for receipt at the On-Site Disposal Facility (OSDF). The insufficiency of the data set primarily centered on the fact that no samples were collected from five certification units and inconclusive or suspect real-time measurements. On this basis, the DOE determined that supplementary data would be obtained from the west soil stockpile through a field sampling program which was conducted under the aforementioned PSP in March 1998.

Although excerpts of the initial WAC attainment report and the PSP for sampling of the west soil stockpile are summarized briefly in this report, these documents should be directly referred to for the complete background and/or specific details on a given aspect of the WAC attainment data. The initial WAC attainment report provides more comprehensive information on the excavated soil areas that now comprise the west soil stockpile, specific volumes by area, laboratory results and real-time measurement data summaries by certification unit, and illustrations of the sample locations. The PSP for the west soil stockpile should be consulted for the specific sampling strategy and design, the soil pile characteristics, and field sampling methodologies employed during sample collection activities.

2.0 STOCKPILE DESCRIPTION AND SAMPLING DESIGN

The west soil stockpile is located in Area 1, Phase I west of the former North Access Road and north of the existing OSDF sediment basin. The stockpile consists of approximately 25,000 cubic yards of soil excavated from 25 acres in the western portion of Area 1, Phase I and approximately one acre from the existing OSDF sediment basin and OSDF pump station footprints. Figure 1 illustrates the general location and dimensions of the west soil stockpile.

The sampling strategy for obtaining supplementary data from the west soil stockpile was established in the PSP for Sampling of Area 1, Phase I West Impacted Soil Stockpile for WAC Attainment (DOE 1997b). In summary, 60 sample locations were randomly selected throughout the pile in addition to 28 biased sample locations which were based on suspect materials being temporarily stored on the pile. The biased locations were designed for specific locations and depth intervals to determine if the soil pile was impacted by the inadvertent placement of suspect soil. The sampling was accomplished using either a Geoprobe® unit or hand auger. The final sample locations are illustrated in Figure 2. Samples were submitted to an offsite laboratory for total uranium in addition to technetium-99 for samples collected from the biased locations on the west side of the pile. Laboratory analyses for total uranium and technetium-99 were performed at Analytical Support Level (ASL) E and B, respectively. The OEPA performed split sampling with DOE at ten sample intervals.

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3.0 DATA SUMMARY AND CONCLUSIONS

A total of 88 samples were analyzed for total uranium, 27 of which were also analyzed for technetium-99. A statistical summary of the results is included in Table 1 and the complete analytical results are summarized in Appendix A.

The supplementary analytical data obtained from direct sampling of the west soil stockpile are consistent with physical sample results and real time results presented in the Waste Acceptance Criteria (WAC) Attainment Report - Area 1, Phase I Western Portion (DOE 1997a) with one exception. The maximum total uranium value of the new data set from the stockpile, 46 mg/kg, is significantly less than that of the 1996 total uranium data, 350 mg/kg, which was collected from in situ soil prior to excavation activities for the railyard area in 1996. Despite the difference in maximum values, the new data confirms that the appropriate level of certainty exists to determine that the soil contained in the west soil stockpile is significantly less than the WAC for total uranium and technetium-99 which is 1,030 mg/kg and 29.1 pCi/g, respectively. It is concluded that the west pile can be excavated and disposed of in the OSDF using the same approach as the East Impacted Soil Pile. A portion of the west soil stockpile is planned for disposition into OSDF Cell 2 during the 1998 calender year as the protective layer.

TABLE 1

STATISTICAL SUMMARY OF ANALYTICAL RESULTS

WAC Analyte	No. of Samples	Mean	Maximum	Minimum	WAC Limit
Total Uranium (mg/kg)	88	21	46	7.2	1,030
Technetium-99 (pCi/g)	27	0.55	1.2	0.33	29.1

REFERENCES

U.S. Department of Energy, 1997a, "Waste Acceptance Criteria (WAC) Attainment Report - Area 1, Phase I Western Portion," Final, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 1997b, "Project Specific Plan for Sampling of Area 1, Phase I West Impacted Soil Stockpile for WAC Attainment," Final, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

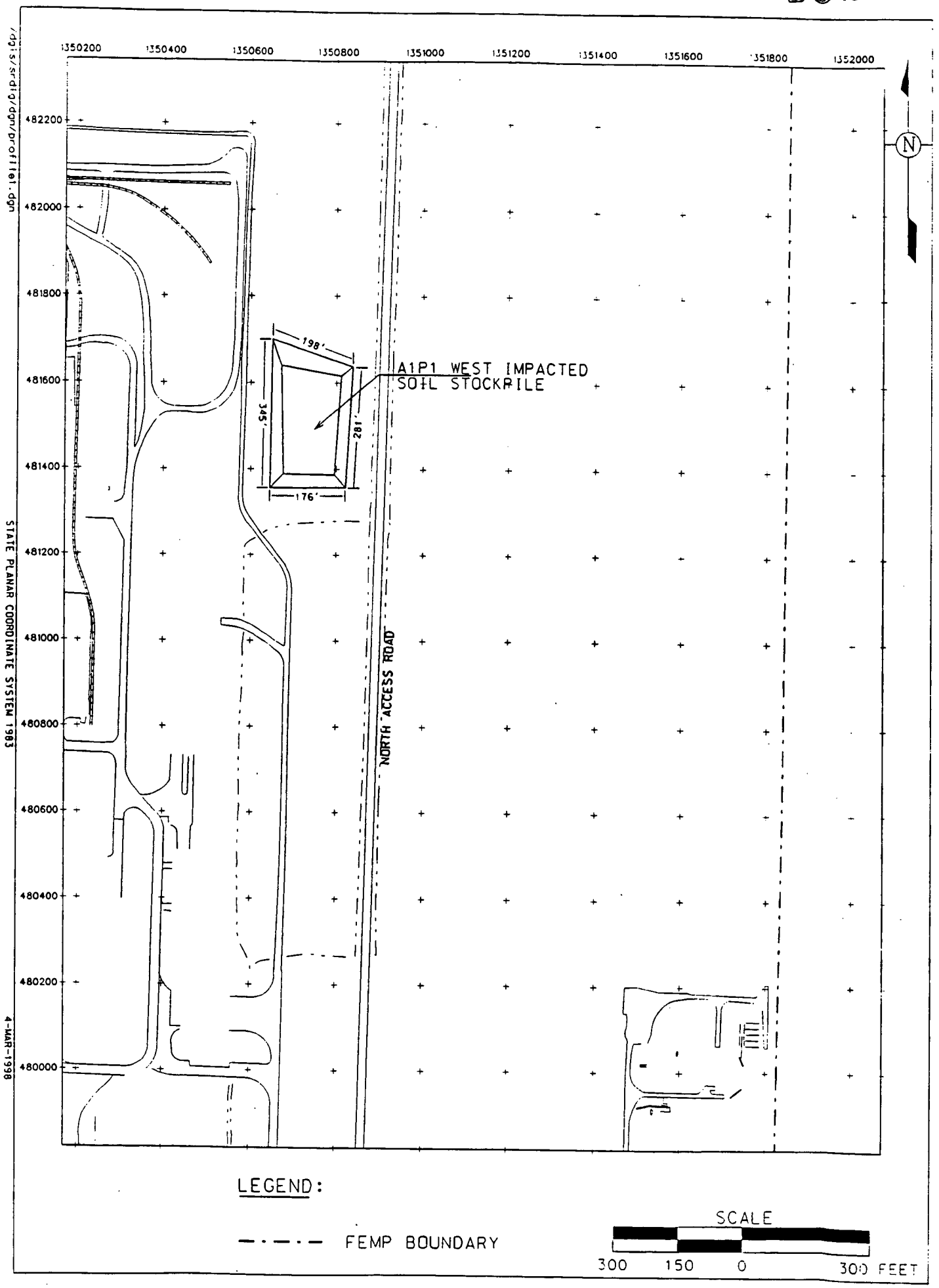

FIGURE 1. A1P1 WEST IMPACTED SOIL STOCKPILE

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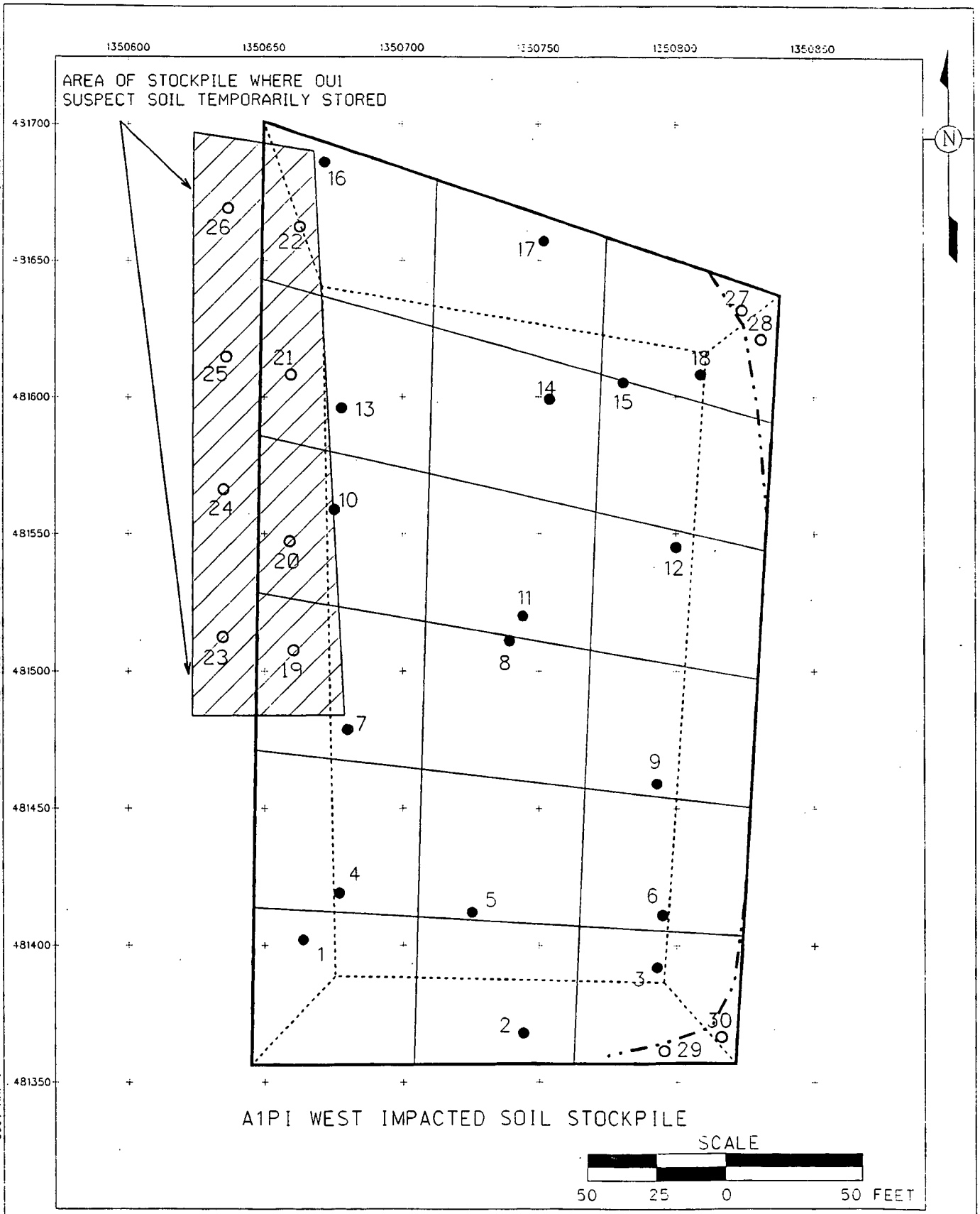

FIGURE 2. A1PI WEST IMPACTED SOIL STOCKPILE SAMPLING LOCATIONS

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APPENDIX A

A1PI WEST IMPACTED SOIL STOCKPILE ANALYTICAL DATA SUMMARY

APPENDIX A
AREA 1, PHASE I WEST IMPACTED SOIL STOCKPILE ANALYTICAL DATA SUMMARY

Sample ID	Sample Date	Top Depth (ft)	Bottom Depth (ft)	Northing	Easting	Analyte	Result	Validation Qualifier	Units
A1P1WISS-1-1-R	30 March 1998	0	1	481402.2	1350663.3	Uranium, Total	27.84	-	mg/kg
A1P1WISS-1-2-R	30 March 1998	2	3	481402.2	1350663.3	Uranium, Total	24.86	-	mg/kg
A1P1WISS-1-3-R	30 March 1998	4	5	481402.2	1350663.3	Uranium, Total	20.30	-	mg/kg
A1P1WISS-2-1-R	30 March 1998	1	2	481368.0	1350743.0	Uranium, Total	10.09	-	mg/kg
A1P1WISS-2-2-R	30 March 1998	2.5	3.5	481368.0	1350743.0	Uranium, Total	11.51	-	mg/kg
A1P1WISS-2-3-R	30 March 1998	4.5	5.5	481368.0	1350743.0	Uranium, Total	13.10	-	mg/kg
A1P1WISS-3-1-R	24 March 1998	3.5	4.5	481392.2	1350792.1	Uranium, Total	22.40	-	mg/kg
A1P1WISS-3-2-R	24 March 1998	6	7	481392.2	1350792.1	Uranium, Total	25.40	-	mg/kg
A1P1WISS-3-3-R	24 March 1998	9	10	481392.2	1350792.1	Uranium, Total	20.50	-	mg/kg
A1P1WISS-3-4-R	24 March 1998	12.5	13.5	481392.2	1350792.1	Uranium, Total	26.60	-	mg/kg
A1P1WISS-4-1-R	25 March 1998	1	2	481419.1	1350676.3	Uranium, Total	34.10	-	mg/kg
A1P1WISS-4-2-R	25 March 1998	3.5	4.5	481419.1	1350676.3	Uranium, Total	18.50	-	mg/kg
A1P1WISS-4-3-R	25 March 1998	8.5	9.5	481419.1	1350676.3	Uranium, Total	18.50	-	mg/kg
A1P1WISS-5-1-R	24 March 1998	0	1	481412.2	1350724.1	Uranium, Total	11.10	-	mg/kg
A1P1WISS-5-2-R	24 March 1998	2.5	3.5	481412.2	1350724.1	Uranium, Total	42.20	-	mg/kg
A1P1WISS-5-3-R	24 March 1998	11	12	481412.2	1350724.1	Uranium, Total	24.70	-	mg/kg
A1P1WISS-6-1-R	24 March 1998	2	3	481411.2	1350794.0	Uranium, Total	13.20	-	mg/kg
A1P1WISS-6-2-R	24 March 1998	6	7	481411.2	1350794.0	Uranium, Total	17.70	-	mg/kg
A1P1WISS-6-3-R	24 March 1998	12.5	13.5	481411.2	1350794.0	Uranium, Total	20.70	-	mg/kg
A1P1WISS-7-1-R	25 March 1998	0	1	481478.2	1350675.2	Uranium, Total	28.00	-	mg/kg
A1P1WISS-7-2-R	25 March 1998	3.5	4.5	481478.2	1350675.2	Uranium, Total	27.70	-	mg/kg
A1P1WISS-7-3-R	25 March 1998	5	6	481478.2	1350675.2	Uranium, Total	26.30	-	mg/kg
A1P1WISS-7-4-R	25 March 1998	10.5	11.5	481478.2	1350675.2	Uranium, Total	12.20	-	mg/kg
A1P1WISS-8-1-R	19 March 1998	0	1	481511.1	1350738.2	Uranium, Total	14.47	-	mg/kg
A1P1WISS-8-2-R	19 March 1998	1.5	2.5	481511.1	1350738.2	Uranium, Total	19.62	-	mg/kg
A1P1WISS-8-3-R	19 March 1998	4.5	5.5	481511.1	1350738.2	Uranium, Total	23.63	-	mg/kg
A1P1WISS-8-4-R	19 March 1998	12.5	13.5	481511.1	1350738.2	Uranium, Total	16.37	-	mg/kg
A1P1WISS-9-1-R	30 March 1998	0	1	481485.0	1350818.0	Uranium, Total	18.47	-	mg/kg
A1P1WISS-9-2-R	30 March 1998	3	4	481485.0	1350818.0	Uranium, Total	37.05	-	mg/kg
A1P1WISS-9-3-R	30 March 1998	4	5	481485.0	1350818.0	Uranium, Total	37.34	-	mg/kg
A1P1WISS-10-1-R	25 March 1998	0	1	481558.2	1350672.4	Technetium-99	1.14	J	pCi/g
A1P1WISS-10-1-R	25 March 1998	0	1	481558.2	1350672.4	Uranium, Total	27.30	-	mg/kg
A1P1WISS-10-2-R	25 March 1998	6	7	481558.2	1350672.4	Uranium, Total	17.20	-	mg/kg
A1P1WISS-10-2-R	25 March 1998	6	7	481558.2	1350672.4	Technetium-99	0.62	J	pCi/g
A1P1WISS-10-3-R	25 March 1998	10	11	481558.2	1350672.4	Uranium, Total	23.10	-	mg/kg
A1P1WISS-10-3-R	25 March 1998	10	11	481558.2	1350672.4	Technetium-99	1.21	J	pCi/g
A1P1WISS-11-1-R	19 March 1998	0	1	481520.2	1350743.1	Uranium, Total	15.21	-	mg/kg
A1P1WISS-11-2-R	19 March 1998	7	8	481520.2	1350743.1	Uranium, Total	17.61	-	mg/kg
A1P1WISS-11-3-R	19 March 1998	11	12	481520.2	1350743.1	Uranium, Total	14.05	-	mg/kg
A1P1WISS-11-4-R	19 March 1998	15.5	16.5	481520.2	1350743.1	Uranium, Total	20.69	-	mg/kg
A1P1WISS-12-1-R	24 March 1998	2.5	3.5	481545.3	1350799.3	Uranium, Total	29.20	-	mg/kg

APPENDIX A
AREA 1, PHASE 1 WEST IMPACTED SOIL STOCKPILE ANALYTICAL DATA SUMMARY
(Continued)

Sample ID	Sample Date	Top Depth (ft)	Bottom Depth (ft)	Northing	Easting	Analyte	Result	Validation Qualifier	Units
A1P1WISS-12-2-R	24 March 1998	8.5	9.5	481545.3	1350799.3	Uranium, Total	10.00	-	mg/kg
A1P1WISS-12-3-R	24 March 1998	10.5	11.5	481545.3	1350799.3	Uranium, Total	36.70	-	mg/kg
A1P1WISS-13-1-R	25 March 1998	0.5	1.5	481596.2	1350677.1	Uranium, Total	26.40	-	mg/kg
A1P1WISS-13-2-R	25 March 1998	2	3	481596.2	1350677.1	Uranium, Total	15.30	-	mg/kg
A1P1WISS-13-3-R	25 March 1998	4.5	5.5	481596.2	1350677.1	Uranium, Total	17.70	-	mg/kg
A1P1WISS-13-4-R	25 March 1998	11.5	12.5	481596.2	1350677.1	Uranium, Total	41.60	-	mg/kg
A1P1WISS-14-1-R	23 March 1998	3.5	4.5	481599.2	1350753.1	Uranium, Total	20.90	-	mg/kg
A1P1WISS-14-2-R	23 March 1998	6.5	7.5	481599.2	1350753.1	Uranium, Total	15.50	-	mg/kg
A1P1WISS-14-3-R	23 March 1998	12.5	13.5	481599.2	1350753.1	Uranium, Total	21.00	-	mg/kg
A1P1WISS-15-1-R	24 March 1998	0	1	481605.1	1350780.0	Uranium, Total	15.20	-	mg/kg
A1P1WISS-15-2-R	24 March 1998	4	5	481605.1	1350780.0	Uranium, Total	23.30	-	mg/kg
A1P1WISS-15-3-R	24 March 1998	8.5	9.5	481605.1	1350780.0	Uranium, Total	23.50	-	mg/kg
A1P1WISS-15-4-R	24 March 1998	14	15	481605.1	1350780.0	Uranium, Total	10.80	-	mg/kg
A1P1WISS-16-1-R	26 March 1998	0	1	481686.2	1350671.1	Uranium, Total	30.10	-	mg/kg
A1P1WISS-16-2-R	26 March 1998	1.5	2.5	481686.2	1350671.1	Uranium, Total	27.51	-	mg/kg
A1P1WISS-16-3-R	26 March 1998	6	7	481686.2	1350671.1	Uranium, Total	17.40	-	mg/kg
A1P1WISS-17-1-R	30 March 1998	0	1	481657.3	1350751.1	Uranium, Total	26.40	-	mg/kg
A1P1WISS-17-2-R	30 March 1998	2.5	3.5	481657.3	1350751.1	Uranium, Total	14.80	-	mg/kg
A1P1WISS-17-3-R	30 March 1998	4	5	481657.3	1350751.1	Uranium, Total	14.50	-	mg/kg
A1P1WISS-18-1-R	24 March 1998	0	1	481608.3	1350808.0	Uranium, Total	7.20	UJ	mg/kg
A1P1WISS-18-2-R	24 March 1998	1.5	2.5	481608.3	1350808.0	Uranium, Total	18.40	-	mg/kg
A1P1WISS-18-3-R	24 March 1998	10.5	11.5	481608.3	1350808.0	Uranium, Total	29.40	-	mg/kg
A1P1WISS-19-1-R	23 March 1998	0	1	481507.6	1350660.9	Uranium, Total	15.40	-	mg/kg
A1P1WISS-19-1-R	23 March 1998	0	1	481507.6	1350660.9	Technetium-99	0.35	U	pCi/g
A1P1WISS-19-2-R	23 March 1998	1	2	481507.6	1350660.9	Uranium, Total	15.30	-	mg/kg
A1P1WISS-19-2-R	23 March 1998	1	2	481507.6	1350660.9	Technetium-99	0.27	U	pCi/g
A1P1WISS-19-3-R	23 March 1998	2	3	481507.6	1350660.9	Technetium-99	0.45	J	pCi/g
A1P1WISS-19-3-R	23 March 1998	2	3	481507.6	1350660.9	Uranium, Total	14.90	-	mg/kg
A1P1WISS-19-4-R	23 March 1998	3	4	481507.6	1350660.9	Technetium-99	0.06	U	pCi/g
A1P1WISS-19-4-R	23 March 1998	3	4	481507.6	1350660.9	Uranium, Total	10.80	-	mg/kg
A1P1WISS-20-1-R	23 March 1998	0.5	1.5	481547.3	1350659.4	Uranium, Total	17.20	-	mg/kg
A1P1WISS-20-1-R	23 March 1998	0.5	1.5	481547.3	1350659.4	Technetium-99	0.18	U	pCi/g
A1P1WISS-20-2-R	23 March 1998	1.5	2.5	481547.3	1350659.4	Technetium-99	0.16	U	pCi/g
A1P1WISS-20-2-R	23 March 1998	1.5	2.5	481547.3	1350659.4	Uranium, Total	18.30	-	mg/kg
A1P1WISS-20-3-R	23 March 1998	2.5	3.5	481547.3	1350659.4	Uranium, Total	15.40	-	mg/kg
A1P1WISS-20-3-R	23 March 1998	2.5	3.5	481547.3	1350659.4	Technetium-99	0.18	U	pCi/g
A1P1WISS-20-4-R	23 March 1998	3.5	4.5	481547.3	1350659.4	Uranium, Total	15.60	-	mg/kg
A1P1WISS-20-4-R	23 March 1998	3.5	4.5	481547.3	1350659.4	Technetium-99	0.33	U	pCi/g
A1P1WISS-21-1-R	25 March 1998	3	4	481608.3	1350659.7	Uranium, Total	20.10	-	mg/kg
A1P1WISS-21-1-R	25 March 1998	3	4	481608.3	1350659.7	Technetium-99	0.91	J	pCi/g

APPENDIX A
AREA 1, PHASE 1 WEST IMPACTED SOIL STOCKPILE ANALYTICAL DATA SUMMARY
(Continued)

Sample ID	Sample Date	Top Depth (ft)	Bottom Depth (ft)	Northing	Easting	Analyte	Result	Validation Qualifier	Units
A1P1WISS-21-2-R	25 March 1998	4	5	481608.3	1350659.7	Technetium-99	0.64	J	pCi/g
A1P1WISS-21-2-R	25 March 1998	4	5	481608.3	1350659.7	Uranium, Total	12.50	-	mg/kg
A1P1WISS-21-3-R	25 March 1998	5	6	481608.3	1350659.7	Uranium, Total	18.80	-	mg/kg
A1P1WISS-21-3-R	25 March 1998	5	6	481608.3	1350659.7	Technetium-99	0.72	J	pCi/g
A1P1WISS-21-4-R	25 March 1998	6	7	481608.3	1350659.7	Uranium, Total	24.56	-	mg/kg
A1P1WISS-21-4-R	25 March 1998	6	7	481608.3	1350659.7	Technetium-99	0.83	J	pCi/g
A1P1WISS-22-1-R	26 March 1998	2.5	3.5	481662.3	1350663.3	Uranium, Total	20.96	-	mg/kg
A1P1WISS-22-1-R	26 March 1998	2.5	3.5	481662.3	1350663.3	Technetium-99	0.28	U	pCi/g
A1P1WISS-22-2-R	26 March 1998	3.5	4.5	481662.3	1350663.3	Uranium, Total	17.13	-	mg/kg
A1P1WISS-22-2-R	26 March 1998	3.5	4.5	481662.3	1350663.3	Technetium-99	0.59	J	pCi/g
A1P1WISS-22-3-R	26 March 1998	4.5	5.5	481662.3	1350663.3	Technetium-99	0.62	J	pCi/g
A1P1WISS-22-3-R	26 March 1998	4.5	5.5	481662.3	1350663.3	Uranium, Total	20.02	-	mg/kg
A1P1WISS-22-4-R	26 March 1998	5.5	6.5	481662.3	1350663.3	Uranium, Total	26.50	-	mg/kg
A1P1WISS-22-4-R	26 March 1998	5.5	6.5	481662.3	1350663.3	Technetium-99	0.46	J	pCi/g
A1P1WISS-23-1-R	30 March 1998	0	0.5	481512.4	1350634.8	Technetium-99	0.80	-	pCi/g
A1P1WISS-23-1-R	30 March 1998	0	0.5	481512.4	1350634.8	Uranium, Total	26.30	-	mg/kg
A1P1WISS-23-2-R	30 March 1998	0.5	1	481512.4	1350634.8	Technetium-99	0.54	-	pCi/g
A1P1WISS-23-2-R	30 March 1998	0.5	1	481512.4	1350634.8	Uranium, Total	25.20	-	mg/kg
A1P1WISS-24-1-R	30 March 1998	0	0.5	481566.1	1350635.1	Technetium-99	0.74	-	pCi/g
A1P1WISS-24-1-R	30 March 1998	0	0.5	481566.1	1350635.1	Uranium, Total	40.70	-	mg/kg
A1P1WISS-24-2-R	30 March 1998	0.5	1	481566.1	1350635.1	Uranium, Total	43.60	-	mg/kg
A1P1WISS-24-2-R	30 March 1998	0.5	1	481566.1	1350635.1	Technetium-99	0.75	J	pCi/g
A1P1WISS-25-1-R	30 March 1998	0	0.5	481614.8	1350636.2	Uranium, Total	46.30	-	mg/kg
A1P1WISS-25-1-R	30 March 1998	0	0.5	481614.8	1350636.2	Technetium-99	1.12	-	pCi/g
A1P1WISS-25-2-R	30 March 1998	0.5	1	481614.8	1350636.2	Uranium, Total	14.60	-	mg/kg
A1P1WISS-25-2-R	30 March 1998	0.5	1	481614.8	1350636.2	Technetium-99	0.53	-	pCi/g
A1P1WISS-26-1-R	30 March 1998	0	0.5	481669.2	1350636.9	Technetium-99	0.37	J	pCi/g
A1P1WISS-26-1-R	30 March 1998	0	0.5	481669.2	1350636.9	Uranium, Total	15.30	-	mg/kg
A1P1WISS-26-2-R	30 March 1998	0.5	1	481669.2	1350636.9	Technetium-99	0.32	J	pCi/g
A1P1WISS-26-2-R	30 March 1998	0.5	1	481669.2	1350636.9	Uranium, Total	25.90	-	mg/kg
A1P1WISS-27-1-R	19 March 1998	0	0.5	481631.8	1350823.8	Uranium, Total	12.89	-	mg/kg
A1P1WISS-28-1-R	19 March 1998	0	0.5	481621.1	1350830.5	Uranium, Total	25.47	-	mg/kg
A1P1WISS-29-1-R	19 March 1998	0	0.5	481361.6	1350795.5	Uranium, Total	15.09	-	mg/kg
A1P1WISS-30-1-R	19 March 1998	0	0.5	481366.7	1350816.1	Uranium, Total	19.91	-	mg/kg